

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116322.D
 Acq On : 16 Aug 2019 15:08
 Operator : HP/JU
 Sample : K4356-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Aug 17 04:08:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

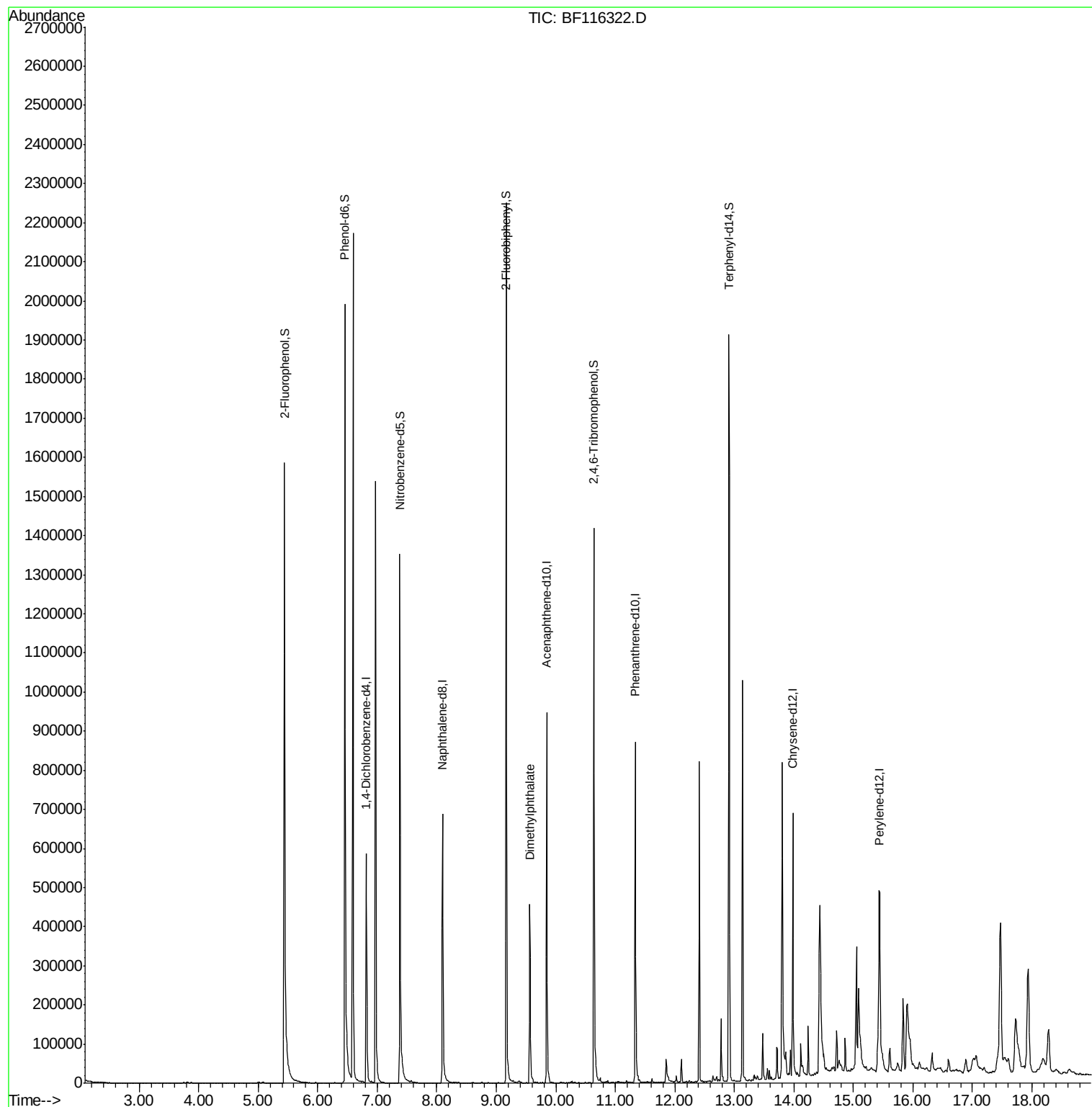
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	95043	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	368347	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	200720	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	364715	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	250533	20.00	ng	-0.03
87) Perylene-d12	15.44	264	264555	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	605546	106.66	ng	-0.03
7) Phenol-d6	6.46	99	785890	109.71	ng	-0.03
23) Nitrobenzene-d5	7.38	82	502461	78.74	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	194236	99.81	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	707512	66.02	ng	-0.04
79) Terphenyl-d14	12.91	244	637807	53.64	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	195680	14.318	ng	Qvalue 99

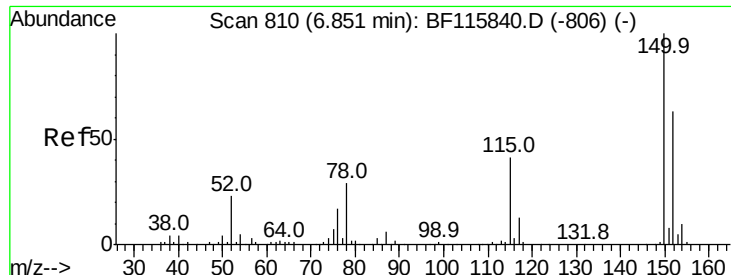
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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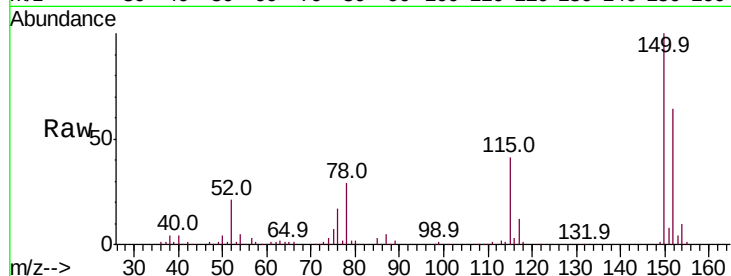


#1

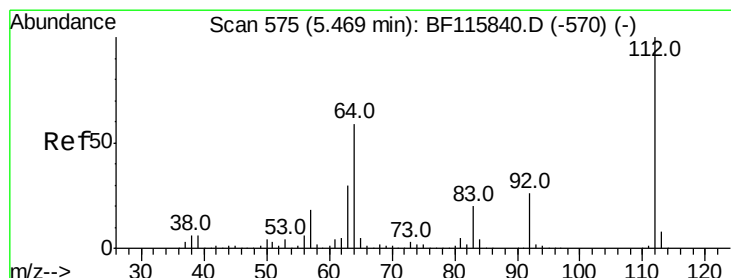
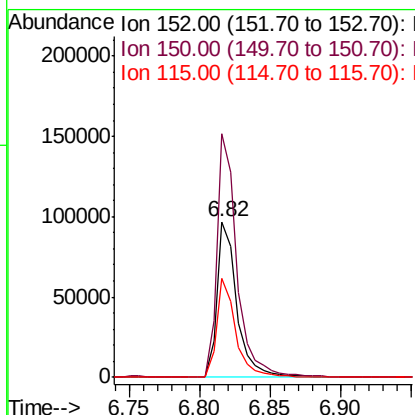
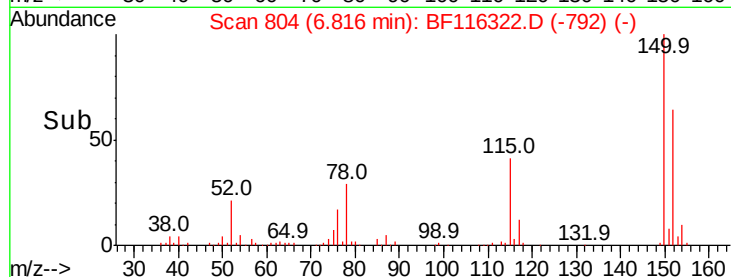
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 95043
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 63.6 49.9 74.9



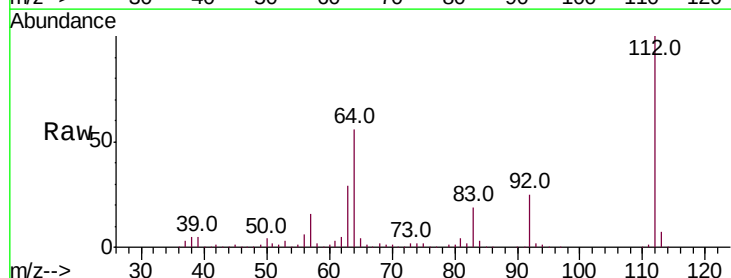
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



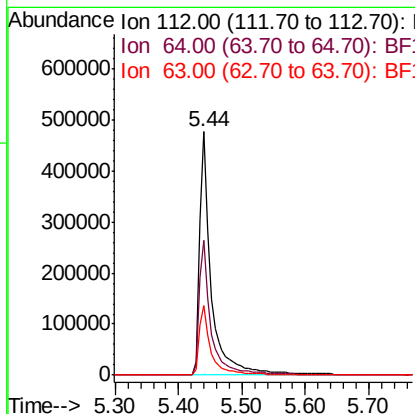
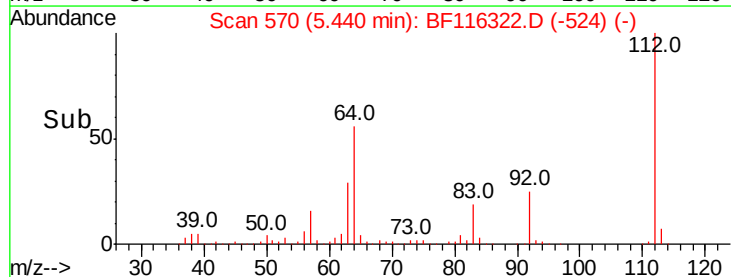
#5

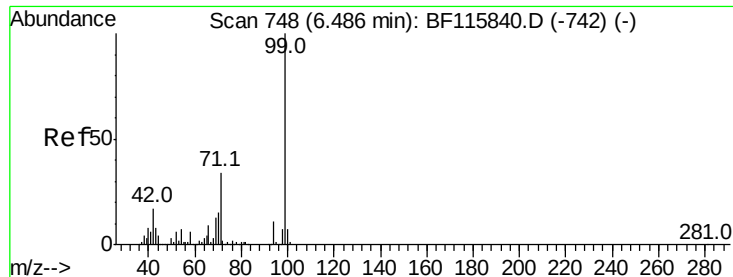
2-Fluorophenol
Concen: 106.659 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Tgt Ion:112 Resp: 605546
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.2
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.715 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116322.D

Acq: 16 Aug 2019 15:08

Instrument :

BNA_F

ClientSampled :

TP-2

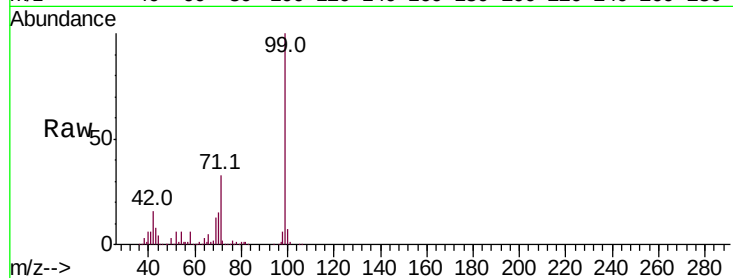
Tot Ion: 99 Resp: 785890

Ion Ratio Lower Upper

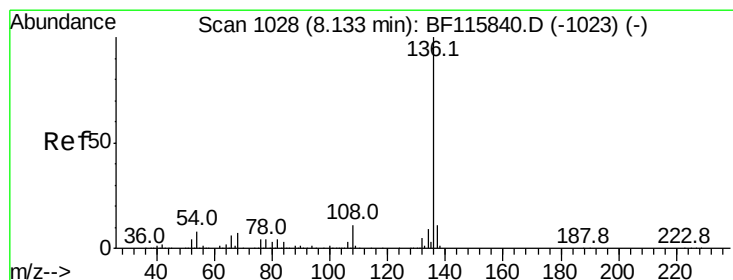
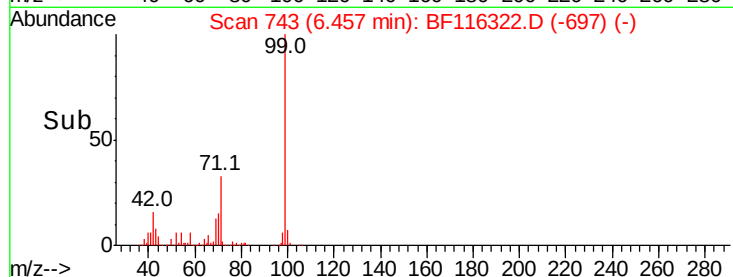
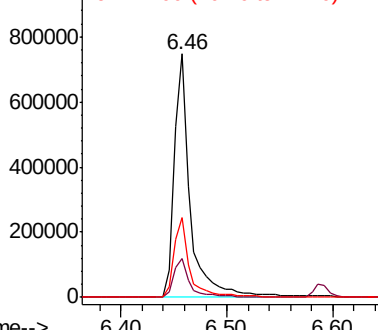
99 100

42 16.0 13.8 20.8

71 32.8 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116322.D

Acq: 16 Aug 2019 15:08

Tgt Ion: 136 Resp: 368347

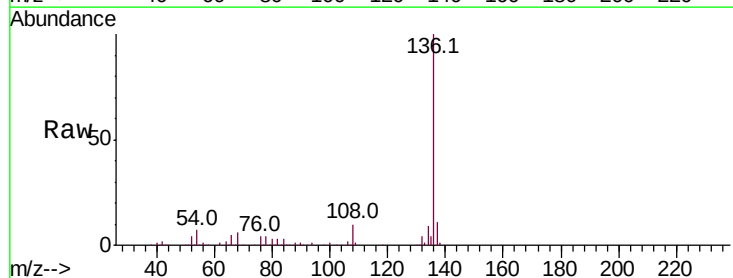
Ion Ratio Lower Upper

136 100

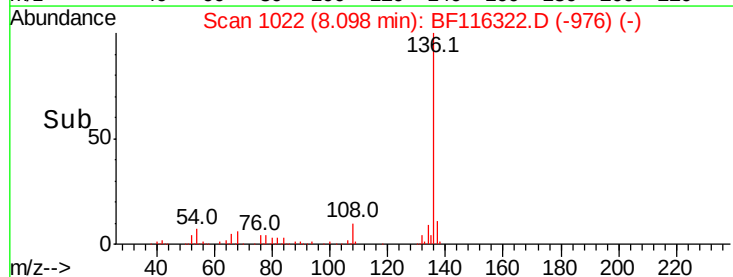
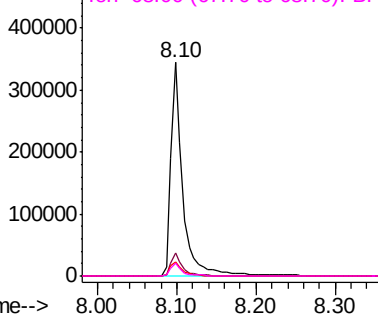
137 11.1 9.0 13.4

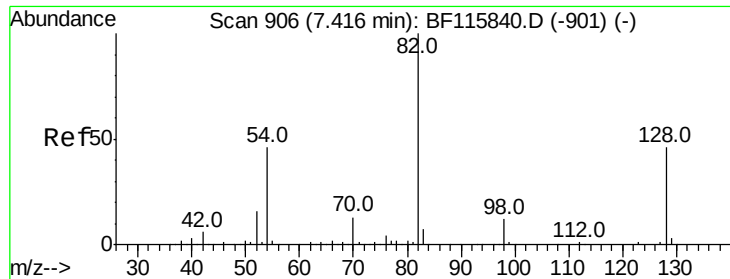
54 6.9 5.8 8.6

68 6.1 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

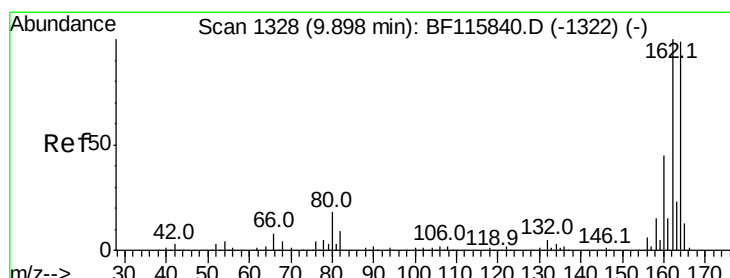
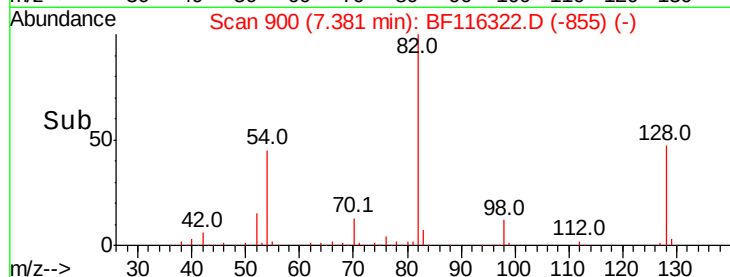
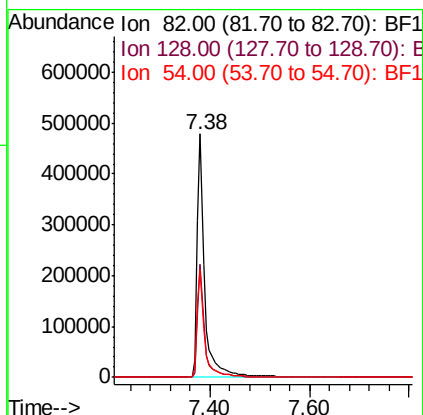
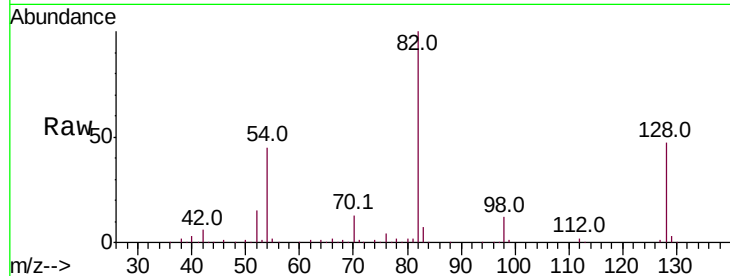




#23
Nitrobenzene-d5
Concen: 78.740 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

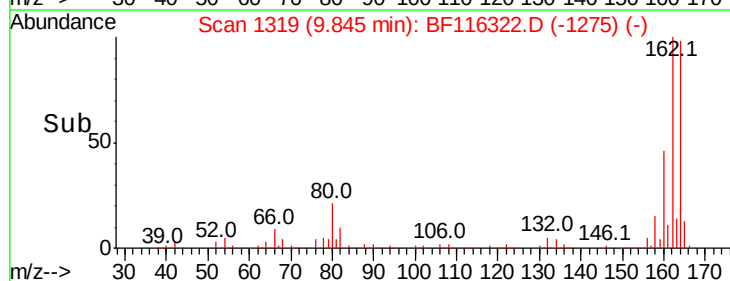
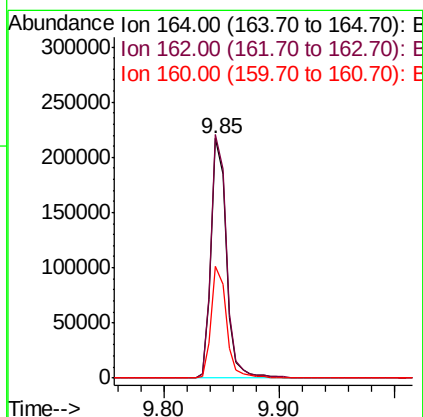
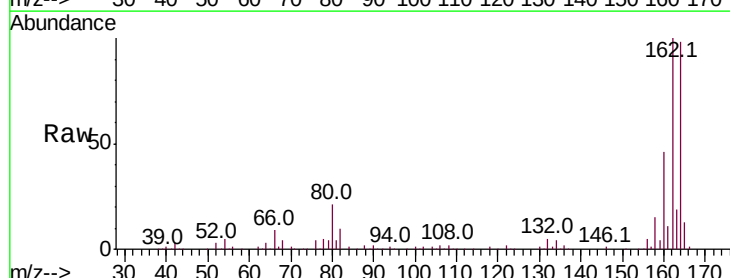
Instrument :
BNA_F
ClientSampleId :
TP-2

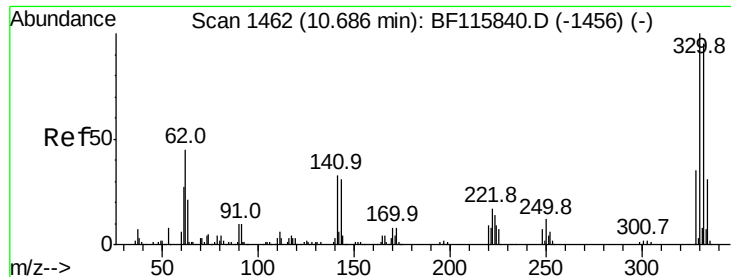
Tot Ion: 82 Resp: 502461
Ion Ratio Lower Upper
82 100
128 46.5 36.5 54.7
54 44.5 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Tgt Ion: 164 Resp: 200720
Ion Ratio Lower Upper
164 100
162 101.8 82.6 124.0
160 46.6 37.6 56.4

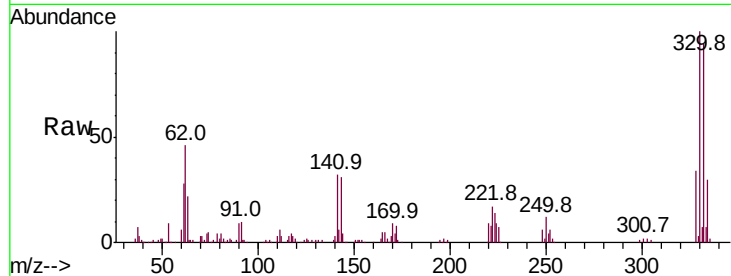




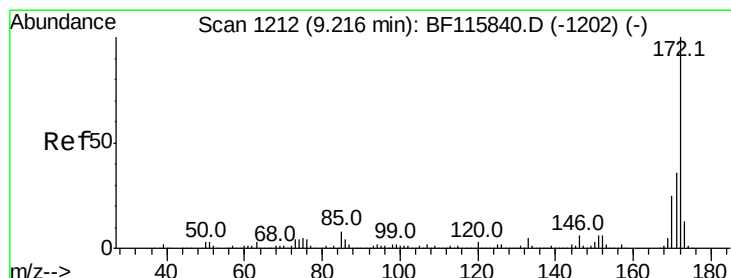
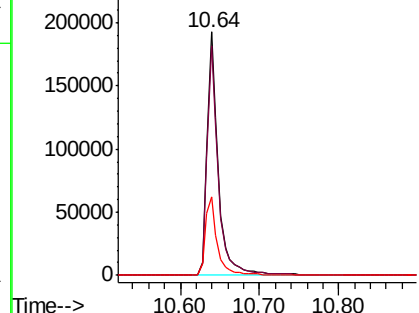
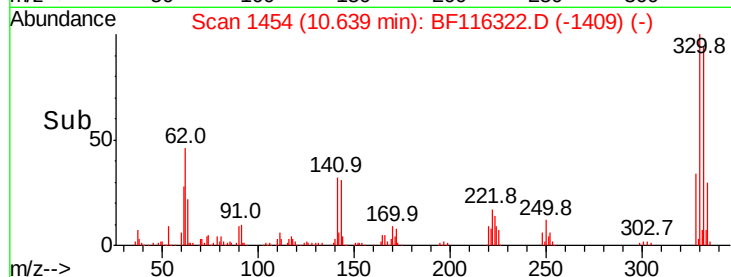
#42
 2,4,6-Tribromophenol
 Concen: 99.811 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116322.D
 Acq: 16 Aug 2019 15:08

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.8	115.2
141	34.1	26.3	39.5

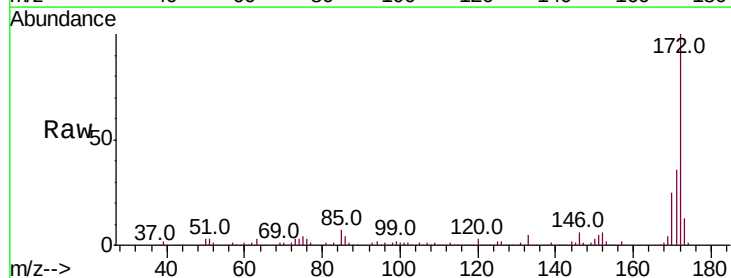


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

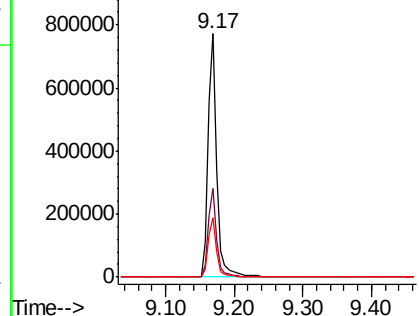
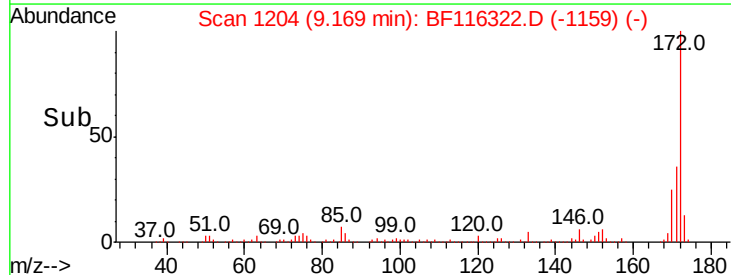


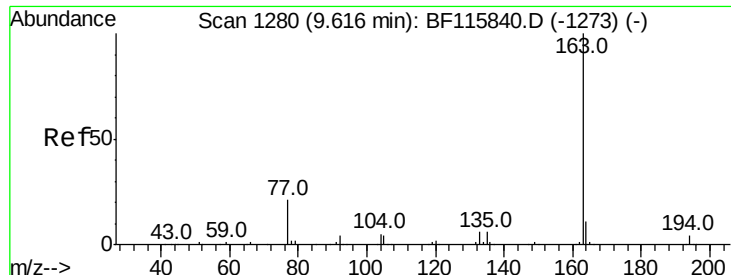
#45
 2-Fluorobiphenyl
 Concen: 66.023 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116322.D
 Acq: 16 Aug 2019 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

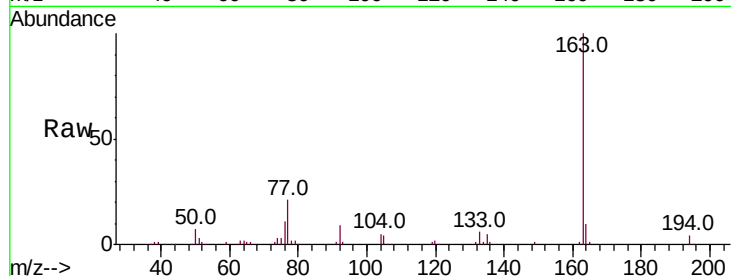




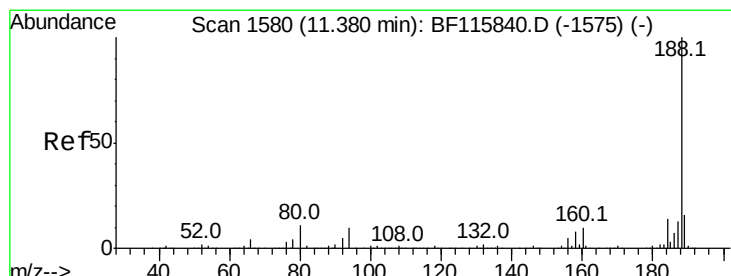
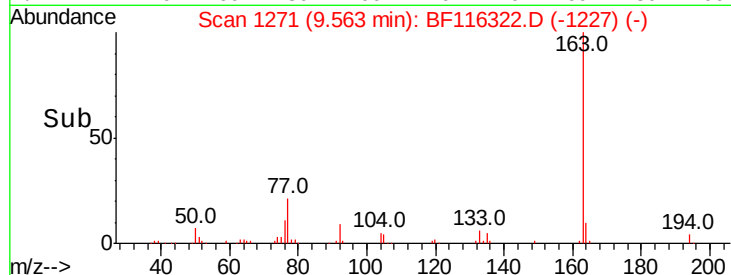
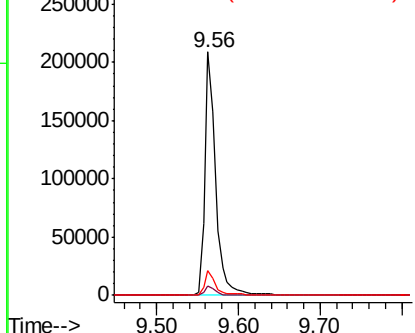
#50
 Dimethylphthalate
 Concen: 14.318 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: BF116322.D
 Acq: 16 Aug 2019 15:08

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion:163 Resp: 195680
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.6
 164 10.0 8.4 12.6

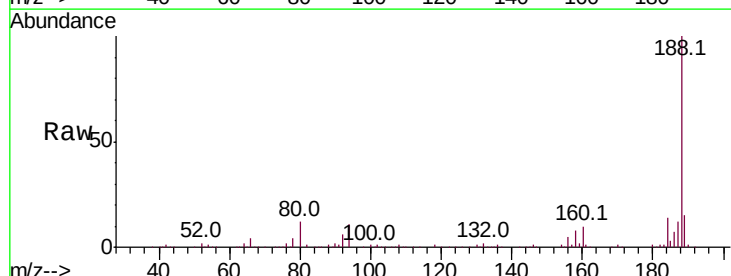


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

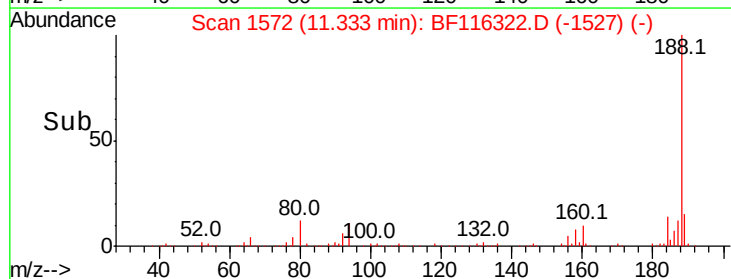
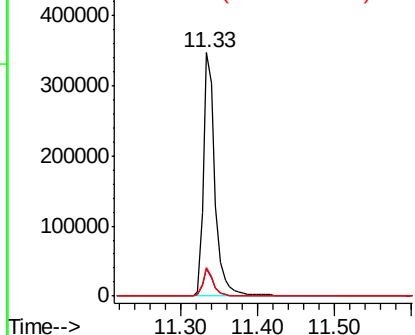


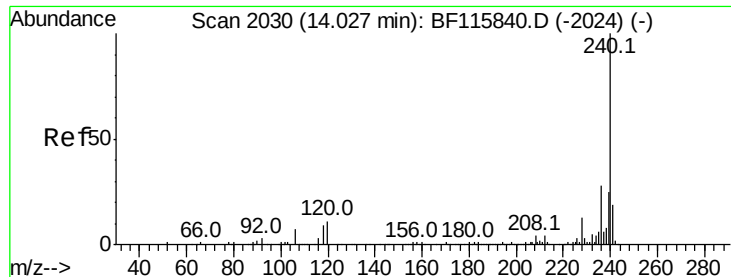
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116322.D
 Acq: 16 Aug 2019 15:08

Tgt Ion:188 Resp: 364715
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.1 12.1
 80 11.5 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116322.D

Acq: 16 Aug 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-2

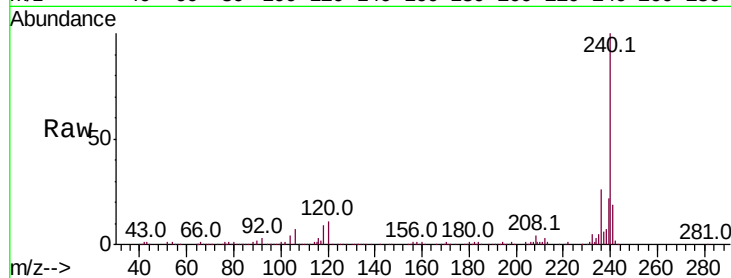
Tot Ion:240 Resp: 250533

Ion Ratio Lower Upper

240 100

120 10.9 10.7 16.1

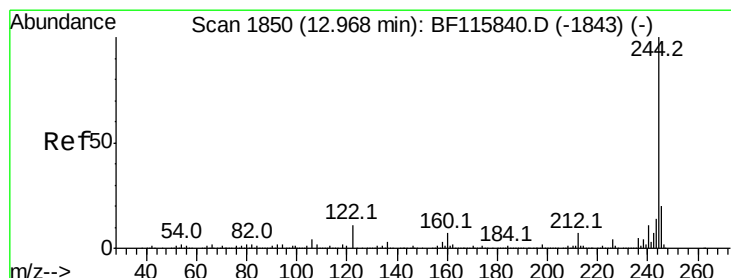
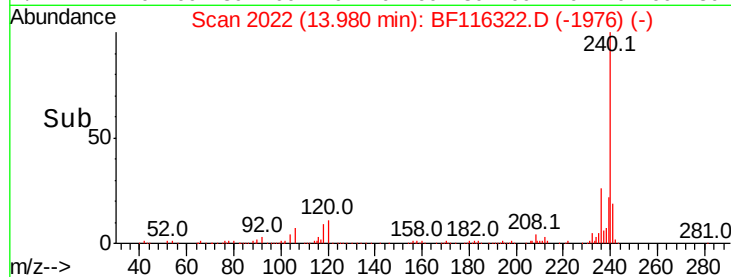
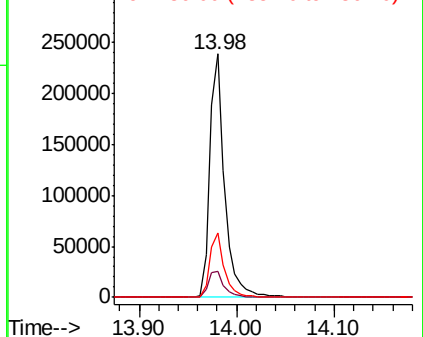
236 26.4 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 53.644 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116322.D

Acq: 16 Aug 2019 15:08

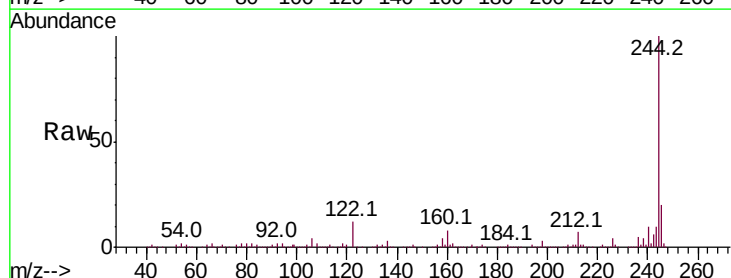
Tgt Ion:244 Resp: 637807

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

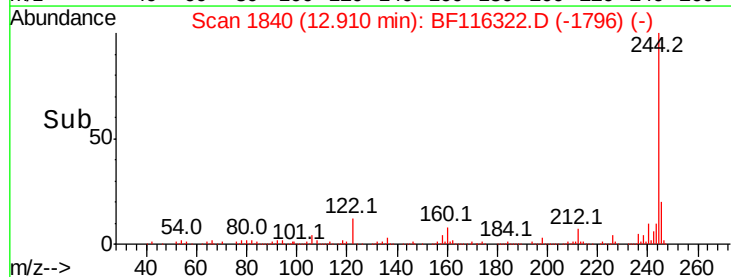
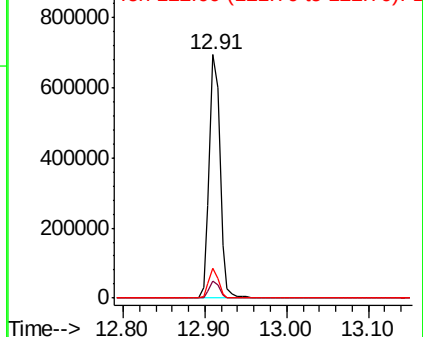
122 12.0 9.0 13.4

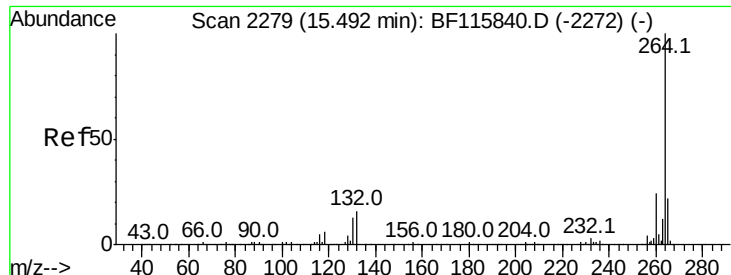


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

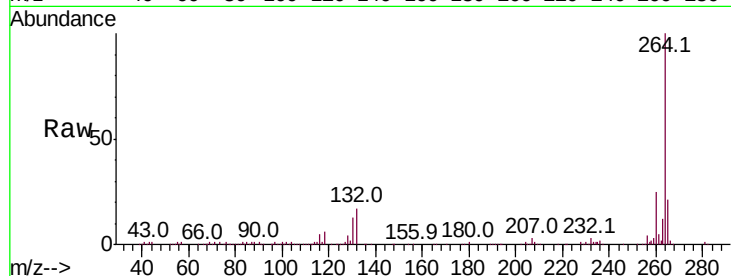




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.1	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

